



# USTRANSCOM



## AT21 Briefing to the Distribution Steering Group

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# **PURPOSE**

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- Background
- Requirement
- Way Ahead



# BACKGROUND

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- Advanced Concept Technology Demonstration (ACTD) conducted 2003-2005 in partnership with DISA
  - Demonstrated applicability of COTS supply chain management tools for collaboration, controlled business processes, and optimization/scheduling in support of deployment planning processes
- ACTD transition resulted in:
  - Implementation of TransViz tool to provide collaborative TPFDD visualization and analysis
  - Focus Warfighter initiative – USTRANSCOM organizational realignment and business process transformation
  - New acquisition – AT21 program approved by DUSD(AS&C) and registered with OSD comptroller as new



# AT21 LINKS TO DPO CAPABILITY

## GAPS

- Priority 1              Intransit Visibility
- Priority 2              Distribution Planning and Forecasting
- Priority 3              Joint Transportation Interface
- Priority 9              Cargo Booking
- Priority 20             Customer Service



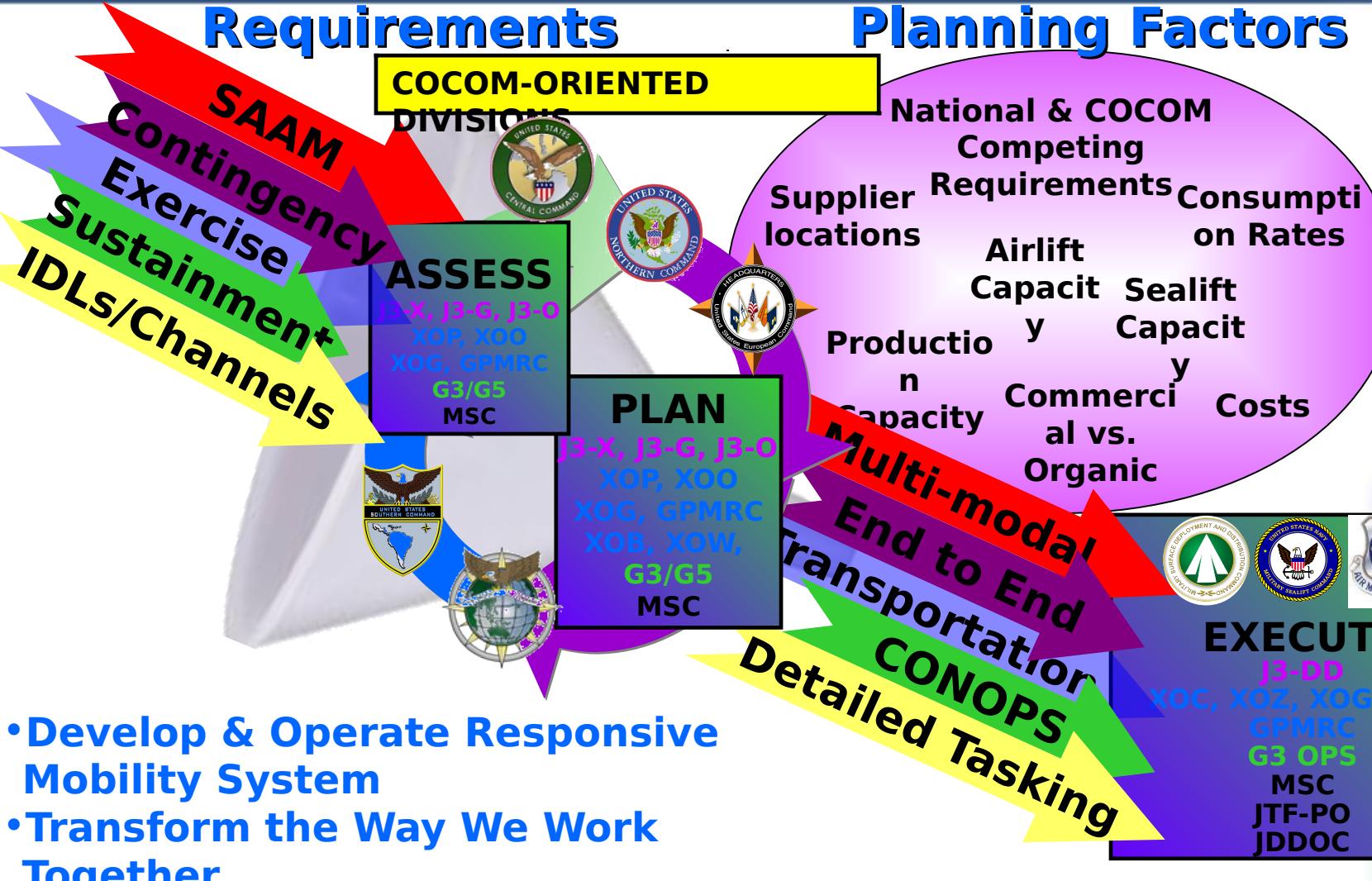
# AT21 PROGRAM SCOPE

- AT21 will modernize deployment and distribution planning business processes and provide commercially-proven decision support tools that produce optimal intermodal distribution solutions:
  - Increment 1 Rqmts Consolidation and Workflow Mgt
  - Increment 2 Strategic Level Optimization & Scheduling
  - Increment 3 Operational Level Optimization & Scheduling

Note: Increment 1 has been USTRANSCOM funded and approved.  
Increments 2 and 3 have not yet been approved for implementation.



# FUSION CENTER PROCESS

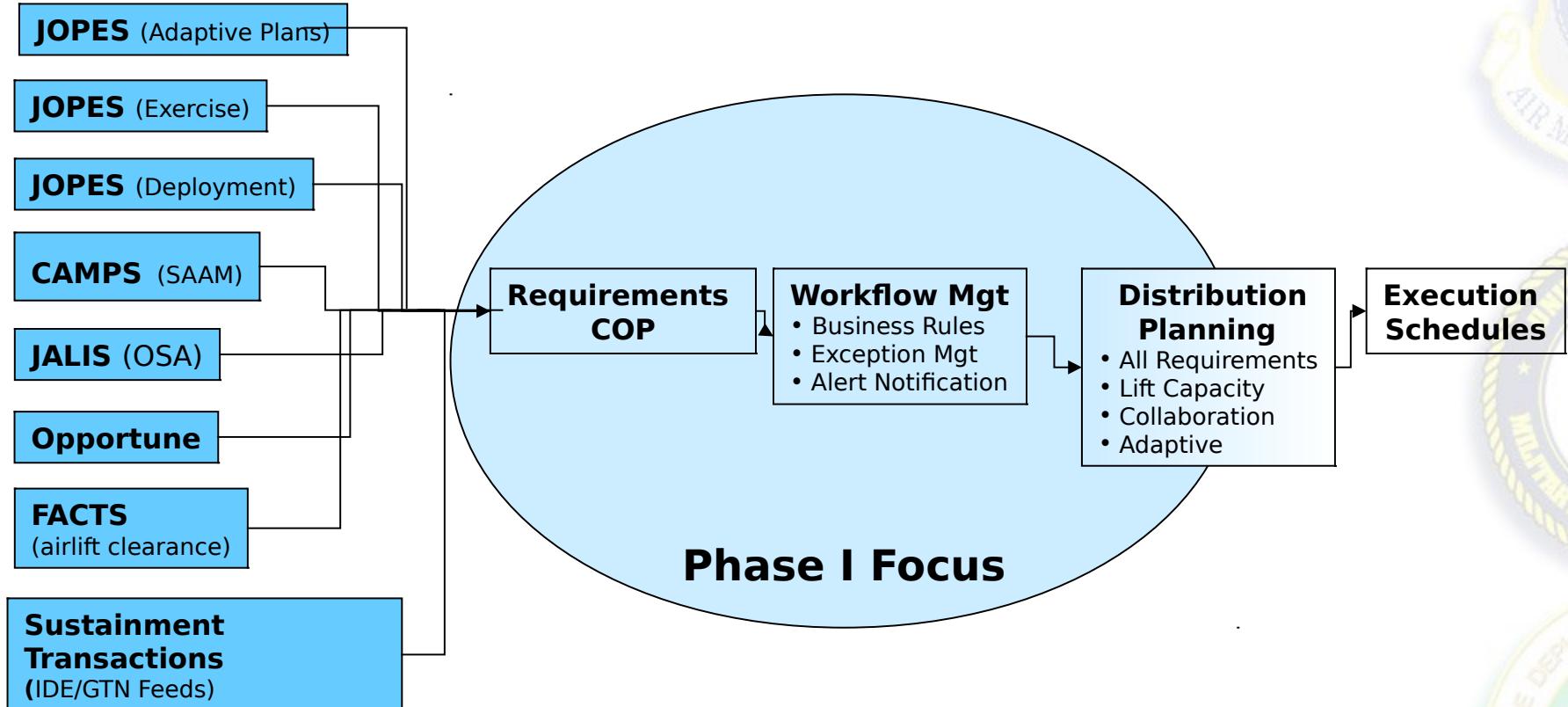


*Directly supports JL (D) JIC shortfalls:*

*Conduct JDDE assess & plan, Control JDDE ops, Conduct JDDE perf analysis*

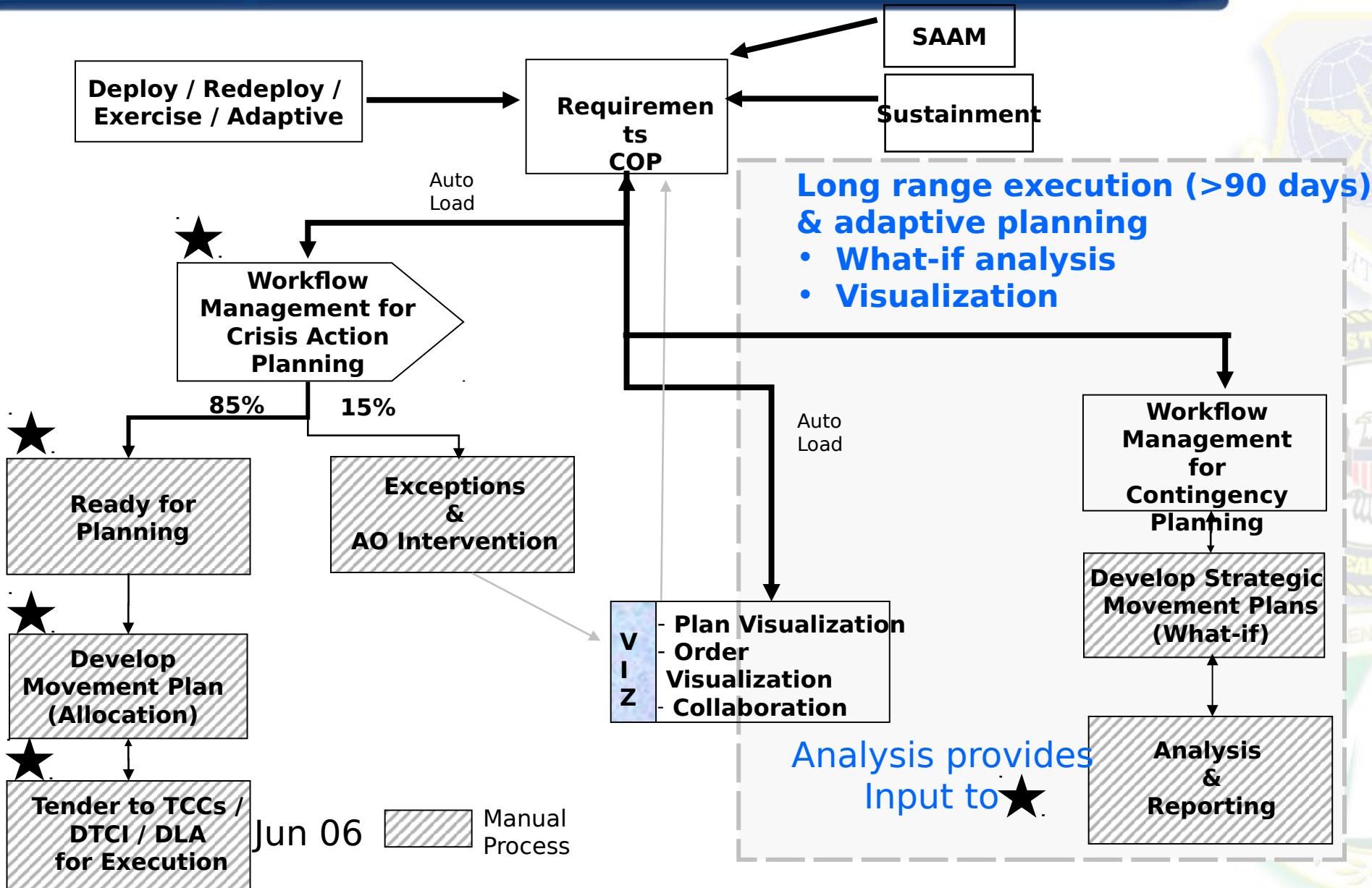


# PHASE I OBJECTIVE





# OBJECTIVE FUSION CENTER PROCESS FLOW WITH AT21

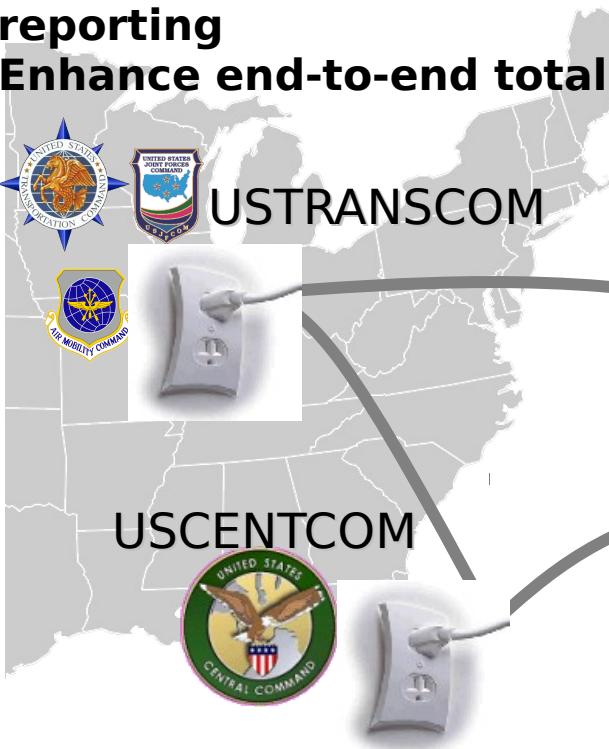




# NEAR-TERM VALUE: PHASE I

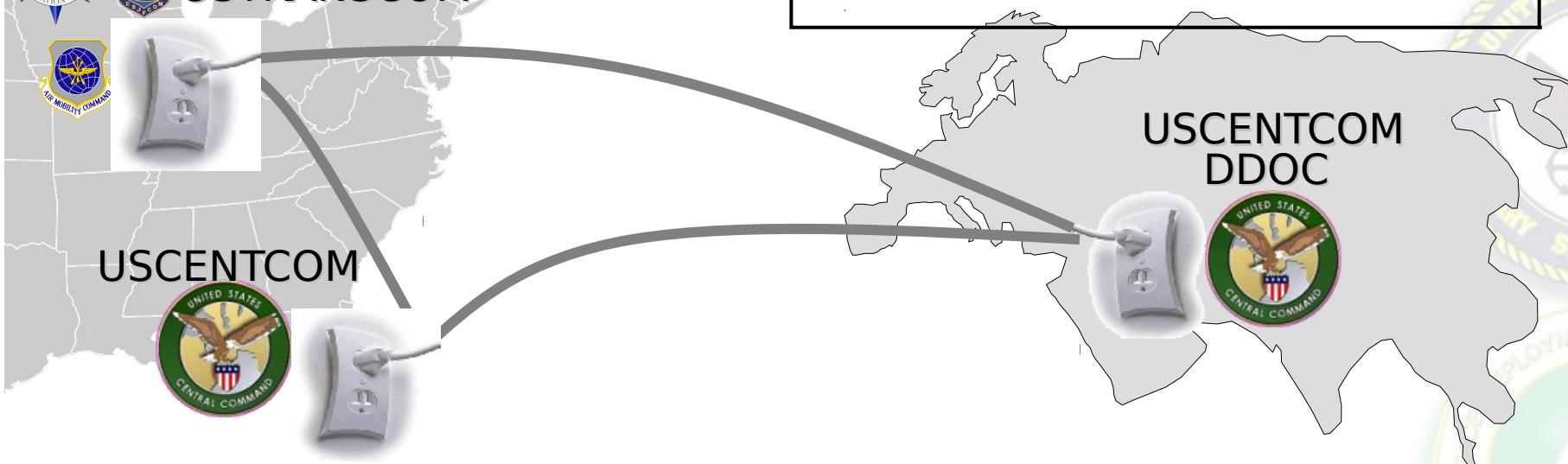
## USTRANSCOM Fusion Center:

- Focus Warfighter processes enabled
- Requirements consolidation
- Planning workflow exception mgt reporting
- Enhance end-to-end total planning



## All COCOMs:

- Requirements visibility (Deploy/redeploy, SAAM, sustainment)
  - E2E flow planning and audit trail
  - Requirements exception management reporting



- 1<sup>st</sup> step toward maximizing capacity/event management
  - Adaptive planning enabler
  - JL (D) JIC Imperatives



## **Tentative Program Timeline**

Capabilities	CY 2006				CY 2007				CY 2008				CY 2009				CY 2010			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Increment 1</b> Consolidation of Transportation Requirements & Work Flow Management																				
	<b>TCDC Approval</b> <b>Milestone B Decision</b> <b>◆ Acquisition Planning ◆</b> <b>Exit Criteria:</b> <ul style="list-style-type: none"> <li>• Validated CDD</li> <li>• Economic Analysis/Justification</li> <li>• Acquisition Strategy</li> <li>• Successful Pre-Planned Product Improvements (P3I)</li> </ul>								<b>Incremental Application Capability Delivery</b> <b>Exit Criteria:</b> <ul style="list-style-type: none"> <li>• Fully tested/fielded increments</li> </ul>								<b>End-Objectives:</b> <ul style="list-style-type: none"> <li>• Movement Requirements Visibility</li> <li>• Exception Management Reporting</li> <li>• Automated work flow management</li> </ul>			

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# Questions?